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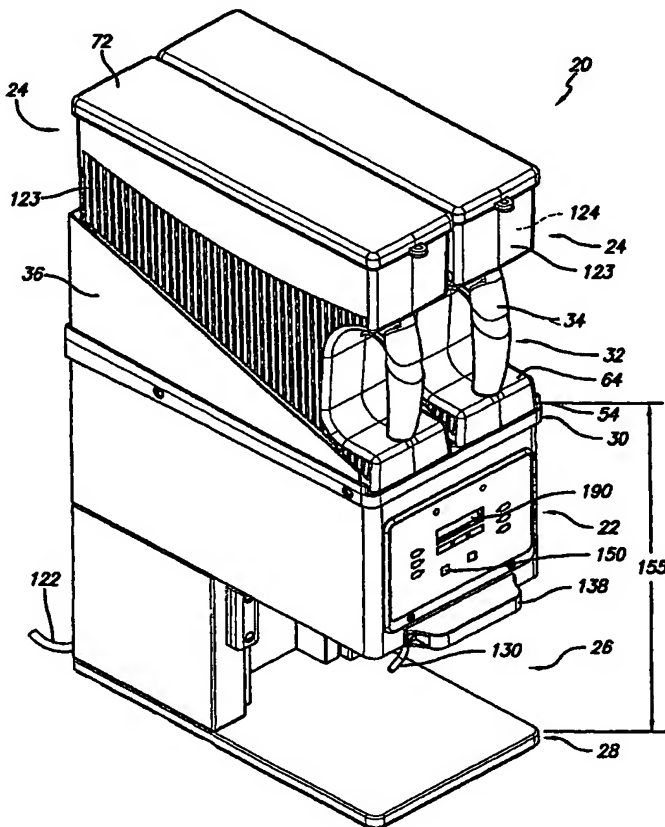
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(54) Title: REMOVABLE HOPPER GRINDER



(57) Abstract: A grinding machine (20) for use in grinding materials, the grinding machine (20) comprising: a grinder assembly (22) for receiving material therein; at least one removable hopper (24) attachable proximate to the grinding assembly (22) for dispensing material to the grinder assembly (22); a passage (22) defined in the hopper being cooperatively placed in communication with the grinding assembly (22) for dispensing material from the hopper (24) to the grinder assembly (22); a displaceable shutter (70) being positionnable in an open position when the hopper (24) is placed on the grinder assembly (22) and being positionnable in a closed position when the hopper (24) is removed from the grinder assembly (22); and a slide gate mechanism (42) including a slide gate (42) and a mover linked to the slide gate for controllably opening and closing passage of material from the hopper (24) to the grinder assembly (22) for grinding material therein.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW,

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